

Table of Contents

VOLUME 78, 1991

MAIN ARTICLES

Periodic lateralized epileptiform discharges with transitional rhythmic discharges: association with seizures J. Reiher, J. Rivest, F. Grand'Maison and C.P. Leduc (Canada)	12
The incidence of abnormal pattern electroretinography in optic nerve demyelination G.E. Holder (U.K.)	18
Effects of light adaptation on the response characteristics of human oscillatory potentials N.S. Peachey, K.R. Alexander, D.J. Derlacki, P. Bobak and G.A. Fishman (U.S.A.)	27
Effects of stimulus intensity on elicited ponto-geniculo-occipital waves W.A. Ball, W.H. Hunt, L.D. Sanford, R.J. Ross and A.R. Morrison (U.S.A.)	35
Subcortical neuronal correlates of component P300 in man J.D. Kropotov and V.A. Ponomarev (U.S.S.R.)	40
P300 generation by novel somatosensory stimuli S. Yamaguchi and R.T. Knight (U.S.A., Japan)	50
Functional anatomy of human hand sensorimotor cortex from spatiotemporal analysis of electrocorticography C. Baumgartner, D.S. Barth, M.F. Levesque and W.W. Sutherling (U.S.A.)	56
Variability of normal sleep patterns in 40 consecutive ambulatory sleep-wakefulness records B. Van Sweden, A. Wauquier, B. Kemp and H.A.C. Kamphuisen (The Netherlands)	66
A model-based detector of vertex waves and K complexes in sleep electroencephalogram A.C. Da Rosa, B. Kemp, T. Paiva, F.H. Lopes da Silva and H.A.C. Kamphuisen (Portugal, The Netherlands)	71
Electroencephalogram and seizures in chronic alcoholism G.L. Krauss and E. Niedermeyer (U.S.A.)	97
Estimation of time delay between EEG signals for epileptic focus localization: statistical error considerations P.Y. Ktonas and R. Mallart (U.S.A.)	105
The cause of increased pupillary light reflex latencies in diabetic patients: the relationship between pupillary light reflex and visual evoked potential latencies P. Lanting, R.L.M. Strijers, J.E. Bos, T.J.C. Faes and J.J. Heimans (The Netherlands)	111
Recovery functions of fast frequency potentials in the initial negative wave of median SEP T. Emori, T. Yamada, Y. Seki, A. Yasuhara, K. Ando, Y. Honda, A.A. Leis and P. Vachatimanont (U.S.A.)	116
The N400 component of event-related potentials in schizophrenic patients: a preliminary study S. Koyama, Y. Nageishi, M. Shimokochi, H. Hokama, Y. Miyazato, M. Miyatani and C. Ogura (Japan)	124
Effects of performance feedback on P300 and reaction time in closed head-injured outpatients D. Deacon and K.B. Campbell (Canada)	133
Effects of the anticonvulsant benzodiazepine clonazepam on event-related brain potentials in humans B. Rockstroh, T. Elbert, W. Lutzenberger and E. Altenmüller (F.R.G.)	142
Long-lasting depression of central synaptic transmission following prolonged high-frequency stimulation of cutaneous afferents: a mechanism for post-vibratory hypoesthesia G. Macefield and D. Burke (Australia)	150
Quantitative EEG changes under various conditions of hyperventilation in the sensorimotor cortex of the anaesthetized cat E. Balzamo, G. Gayan-Ramirez and Y. Jammes (France)	159
Acoustic trauma in extracranial magnetic brain stimulation S.A. Counter, E. Borg and L. Lofqvist (U.S.A., Sweden)	173
Anatomical localization revealed by MEG recordings of the human somatosensory system J. Suk, U. Ribary, J. Cappell, T. Yamamoto and R. Llinás (U.S.A.)	185
Differences between morning-types and evening-types in the dynamics of EEG slow wave activity during night sleep G.A. Kerkhof (The Netherlands)	197
EEG power density during recovery sleep in the morning D.-J. Dijk, D.P. Brunner and A.A. Borbély (Switzerland)	203
Pyridoxine-dependent epilepsy: EEG investigations and long-term follow-up M.A. Mikati, E. Trevathan, K.S. Krishnamoorthy and C.T. Lombroso (U.S.A.)	215
EEG changes during recovery from acute severe neonatal citrullinemia R.R. Clancy and H.J. Chung (U.S.A.)	222
A comparison between electroencephalography and somatosensory evoked potentials for outcome prediction following severe head injury D.O. Hutchinson, R.W. Frith, N.A. Shaw, J.A. Judson and B.R. Cant (New Zealand)	228
Polarity reversal of N20 and P23 somatosensory evoked potentials between scalp and depth recordings C.W. Vanderzant, A.A. Beydoun, P.A. Domer, T.W. Hood and B.W. Abou-Khalil (U.S.A.)	234

The instruction to refrain from blinking affects auditory P3 and N1 amplitudes R. Verleger (F.R.G.)	240
An EEG-based brain-computer interface for cursor control J.R. Wolpaw, D.J. McFarland, G.W. Neat and C.A. Forneris (U.S.A.)	252
Recovery within day-time sleep after slow wave sleep suppression M. Gillberg, I. Anderzén and T. Åkerstedt (Sweden)	267
Contrast and stereoscopic visual stimuli yield lateralized scalp potential fields associated with different neural generators W. Skrandies (F.R.G.)	274
The effect of stimulus repetition rate on the diagnostic efficacy of the auditory nerve-brain-stem evoked response S. Freeman, H. Sohmer and S. Silver (Israel)	284
BAEP amplitudes and amplitude ratios: relation to click polarity, rate, age and sex T. Sand (Norway)	291
Age effects on the P300 to novel somatosensory stimuli S. Yamaguchi and R.T. Knight (U.S.A., Japan)	297
Relay stations and neurotransmitters between the pallidal region and the hippocampus M. Sabatino, G. Ferraro and V. La Grutta (Italy)	302
Quantitative EEG monitoring for patients with subarachnoid hemorrhage D.R. Labar, B.J. Fisch, T.A. Pedley, M.E. Fink and R.A. Solomon (U.S.A.)	325
Propagation of human complex-partial seizures: a correlation analysis K.M. Bertashius (U.S.S.R.)	333
Moving dipole inverse solutions using MEGs measured on a plane over the head B.N. Cuffin (U.S.A.)	341
A neuromagnetic study of selective auditory attention D.L. Arthur, P.S. Lewis, P.A. Medvick and E.R. Flynn (U.S.A.)	348
Event-related potentials and eyeblink responses in automatic and controlled processing: effects of age J.M. Ford and A. Pfefferbaum (U.S.A.)	361
A new statistic for steady-state evoked potentials J.D. Victor and J. Mast (U.S.A.)	378
Fluctuations of steady-state VEPs: interaction of driven evoked potentials and the EEG J. Mast and J.D. Victor (U.S.A.)	389
The value of sleep recording in evaluating somnambulism in young adults I. Blatt, R. Peled, N. Gadoth and P. Lavie (Israel)	407
Different susceptibilities of the geniculate and extrageniculate visual pathways to human Creutzfeldt-Jakob disease (a combined neurophysiological-neuropathological study) U. Aguglia, D. Gambarelli, G. Farnarier and A. Quattrone (Italy, France)	413
Event-related potential correlates of the serial position effect in short-term memory J.V. Patterson, H. Pratt and A. Starr (U.S.A., Israel)	424
Effects of crossmodal divided attention on late ERP components. I. Simple and choice reaction tasks J. Hohnsbein, M. Falkenstein, J. Hoormann and L. Blanke (F.R.G.)	438
Effects of crossmodal divided attention on late ERP components. II. Error processing in choice reaction tasks M. Falkenstein, J. Hohnsbein, J. Hoormann and L. Blanke (F.R.G.)	447
Intensity-amplitude relationships in monkey event-related potentials: parallels to human augmenting-reducing responses J.A. Pineda, T.C. Holmes and S.L. Foote (U.S.A.)	456
Right hemisphere dominance of different mismatch negativities P. Paavilainen, K. Alho, K. Reinikainen, M. Sams and R. Näätänen (Finland)	466

SHORT COMMUNICATIONS

Myoclonic epilepsy in an HIV positive patient: neurophysiological findings R. Kapoor, G. Griffin, G. Barrett and C.J. Fowler (U.K.)	80
A practical method for determining electrode positions on the head J.C. De Munck, P.C.M. Vijn and H. Spekreijse (The Netherlands)	85
Magnetic transcranial brain stimulation and multimodality evoked potentials in an adrenoleukodystrophy patient and members of his family B. Kukowski (F.R.G.)	260
Acute effects of diphenylhydantoin on peripheral and central somatosensory conduction N. Mavroudakis, E. Brunko, M.C. Nogueira and D. Zegers de Beyl (Belgium)	263
Atypical electroencephalographic pattern in a patient with subacute sclerosing panencephalitis G.B. Sharp, S.M. Laney, B.F. Westmoreland and R.V. Groover (U.S.A.)	311
Polysomnography in locked-in syndrome A. Oksenberg, N. Soroker, P. Solzi and I. Reider-Groswasser (Israel)	314
EEG artefacts caused by a Cliniltron bed D. Sewgobind, J.L.A. Eekhof, L.J. Bour, F.E. Posthumus Meyjes and M.J. Lubbers (The Netherlands)	318
Evidence for slow brain waves: a dynamical approach A. Babloyantz (Belgium)	402
Persistence of a P3 component in severe amnestic syndrome M. Onofrj, D. Gambi, T. Fulgente, S. Bazzano and P. Colamartino (Italy)	480

REVIEW ARTICLE

The cholinergic system and EEG slow waves
 P. Riekkinen, G. Buzsaki, P. Riekkinen, Jr., H. Soininen and J. Partanen (Finland, U.S.A.) 89

CONTROVERSIES IN CLINICAL NEUROPHYSIOLOGY

The utility of proximal nerve conduction in radiculopathies: Editorial comment
 G.G. Celesia 167

The utility of proximal nerve conduction in radiculopathies: the pros
 B.T. Shahani (U.S.A.) 168

The utility of proximal nerve conduction in radiculopathies: the cons
 A. Eisen (Canada) 171

GUEST EDITORIAL

Current evaluation of the concepts of centrencephalic and cortico-reticular seizures
 H.H. Jasper (Canada) 2

BOOK REVIEWS

Auditory evoked magnetic fields and electric potentials
 edited by F. Grandori, M. Hoke and G.L. Romani 166

Chronic epilepsy, its prognosis and management
 edited by M.R. Trimble 322

Neonatal seizures
 edited by C.G. Wasterlain and P. Vert 322

Books received, but not fully reviewed 166, 323

Editorial Comment 1

Letters to the Editor 485

Society Proceedings 2P, 6P, 9P, 12P, 15P, 33P, 63P, 72P, 80P, 85P, 88P

Erratum 324

Announcement from the Publisher 32P, 70P

Index of Authors to Volume 78, 1991 487

Index of Subjects to Volume 78, 1991 498

Table of Contents to Volume 78, 1991 503

EEG News and Notes appeared as yellow pages at the back